



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Sunday June 21, 2020

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh



- **Numerous severe storms today for OK w/ isolated to scattered severe storms in AR/TX/LA. Isolated heavy rainfall for OK/N TX.**
- **A few severe thunderstorms and isolated heavy rain/flash flooding Monday for portions of TX/OK/AR.**
- **Isolated severe storms & heavy rain/flash flooding Tuesday for AR/LA/NE TX/SE OK. Isolated severe storms for NE NM into the TX/OK Panhandles.**

FEMA Region 6 Threat Matrix

Jun 21, 2020 - Jun 25, 2020



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DAY / THREAT	Sun	Mon	Tue	Wed	Thu
Severe Storms	N OK	OK/NW AR/ TX Panhandle	S AR/LA/ETX		
	OK/NW AR/ TX Panhandle	S OK/AR/W&NTX	NE NM into TX/OK Panhandles		
Heavy Rain / Flash Flooding	OK/NTX	OK/NTX	AR/LA/NE TX/SE OK		
		AR			
Fire Weather					
Tropical Winds / Surge					
Winter Weather					
River Flooding	AR, LA	AR, LA	AR, LA	AR, LA	AR, LA

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

Tropical Weather Outlook – Atlantic/Gulf



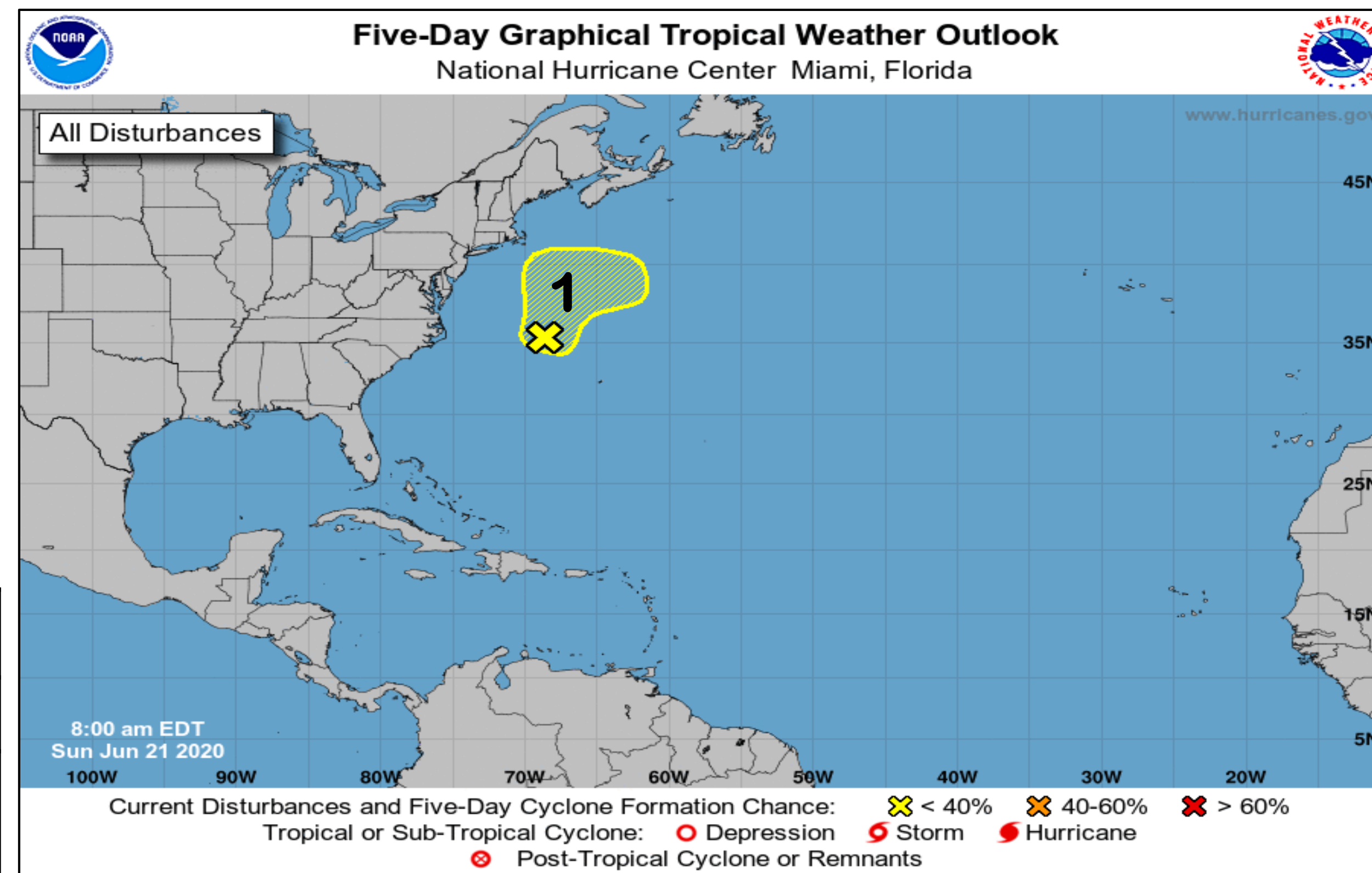
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Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	Low	None.

Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
-	



5-Day Precipitation Forecast & River Flood Status

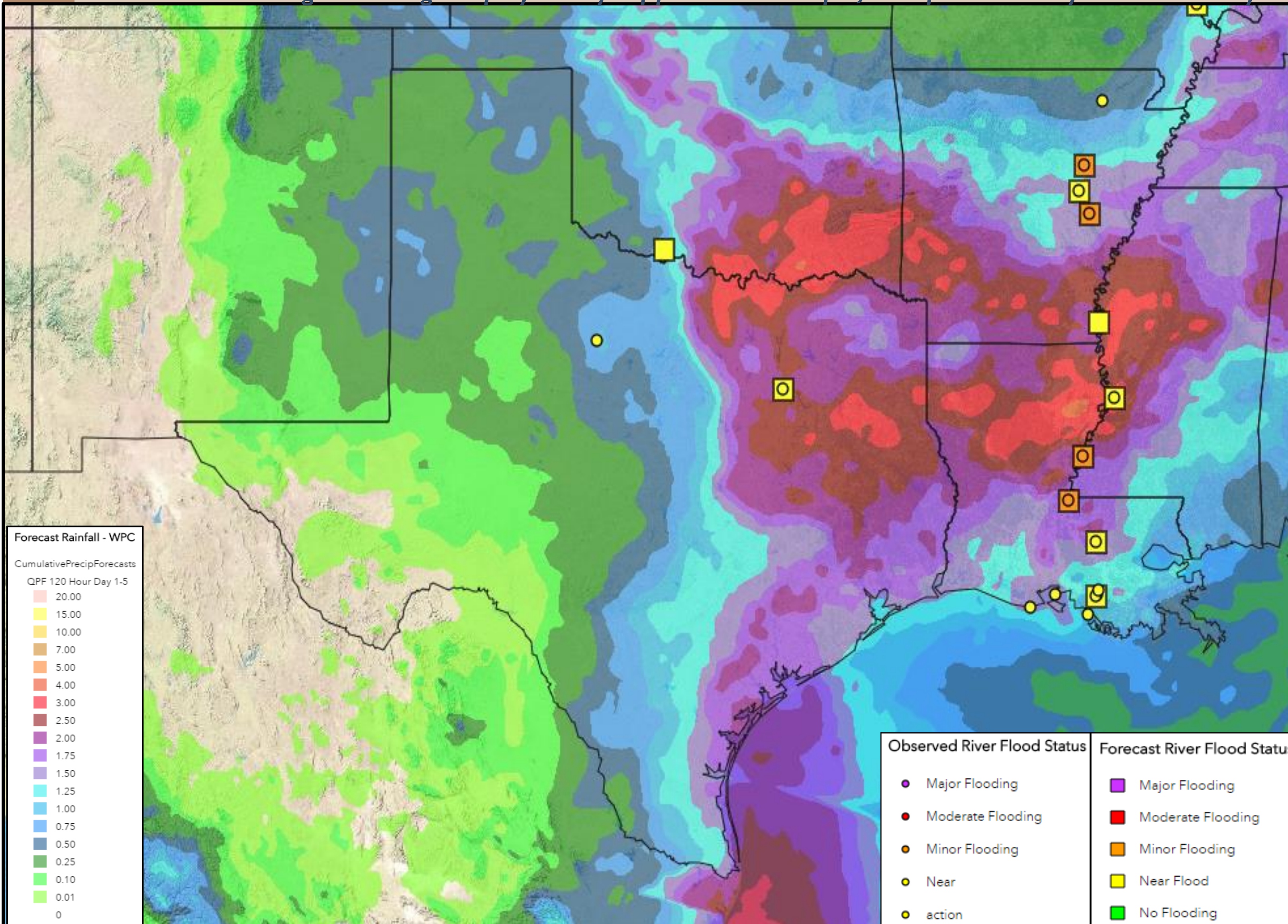


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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

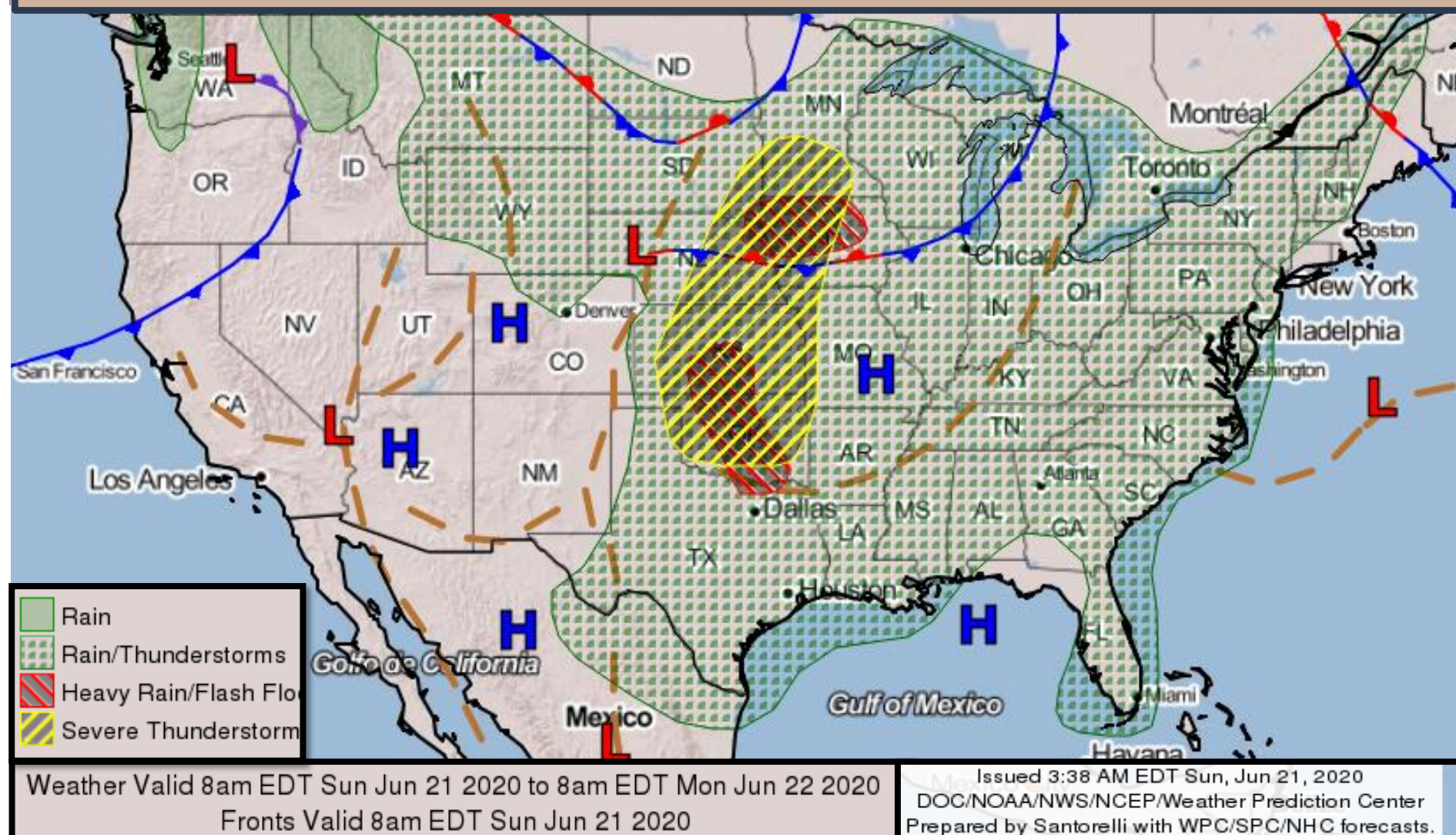
Portions of the White River in E AR remain in minor flood stage with impacts primarily to farmland.

The Lower MS River continues in minor flood stage. Impacts are to access roads, river traffic, and industrial activity on the river.

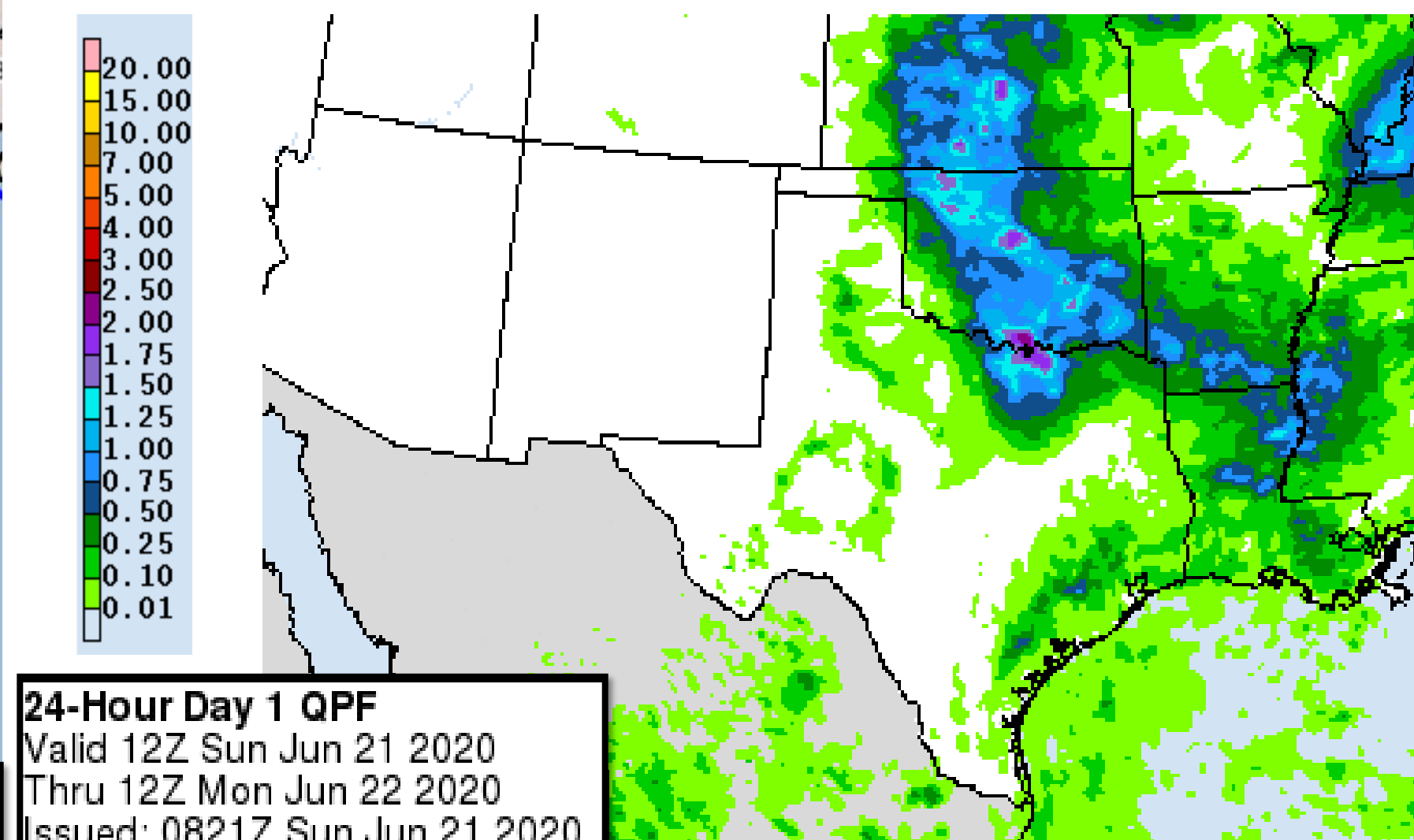


Today's Weather

Forecast Chart



Forecast Rainfall



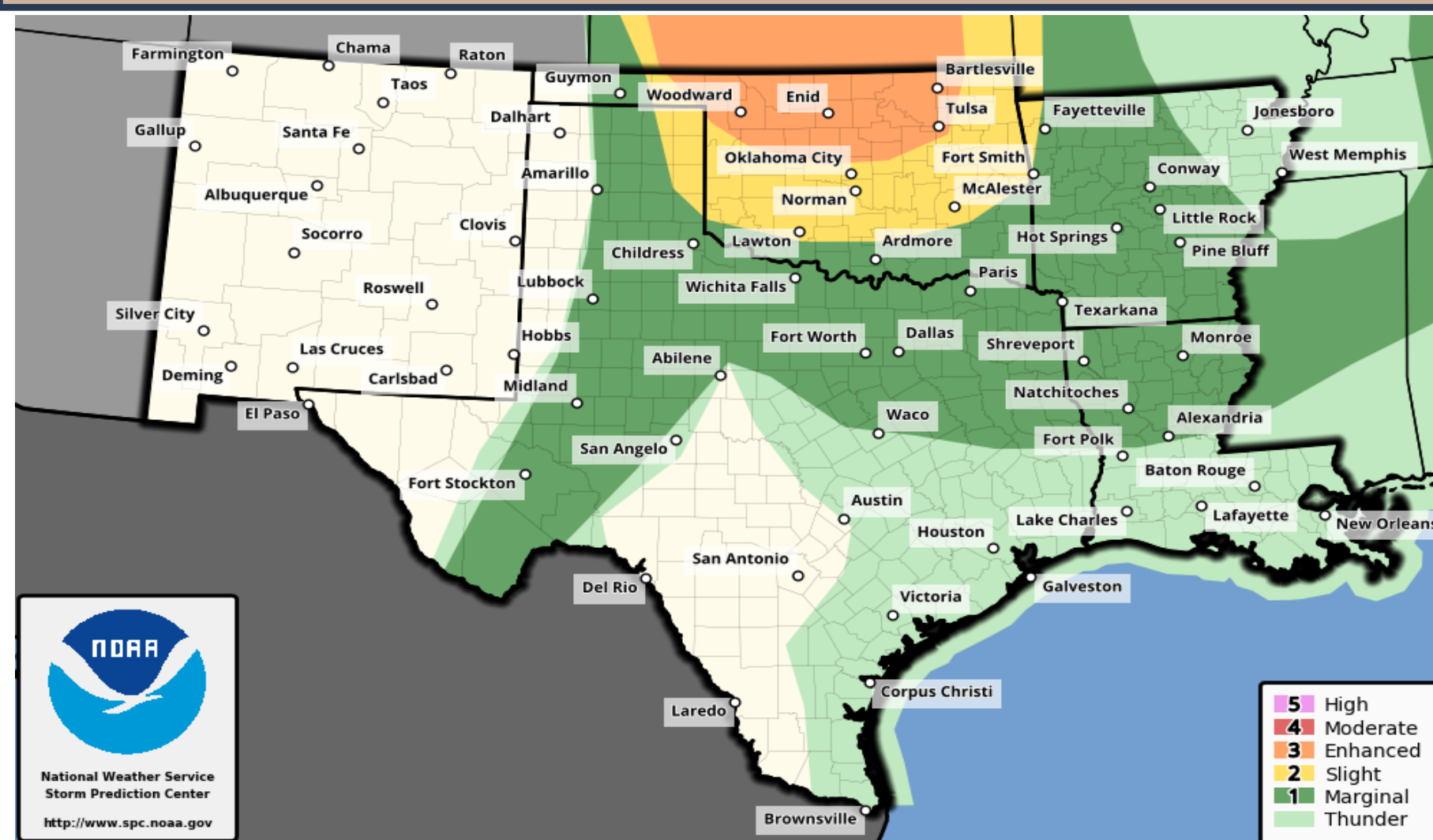
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Numerous severe thunderstorms across northern OK. Large hail and damaging wind gusts will be the greatest threat but a few tornadoes are possible.

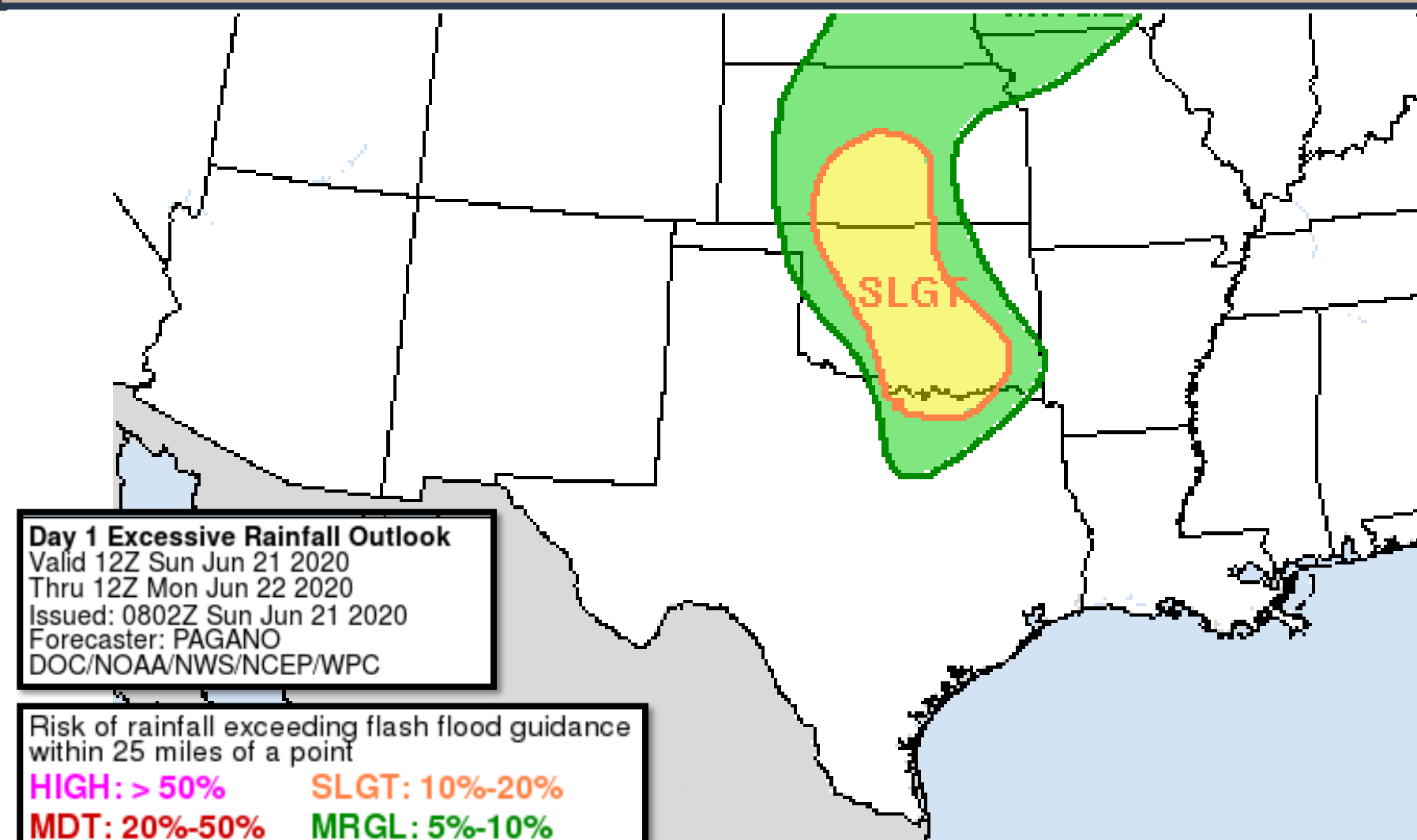
Isolated to scattered severe storms across much of the rest of OK into NW AR and the eastern TX Panhandle. Large hail and damaging winds are the main threats. A tornado or two possible.

Isolated heavy rainfall and flash flooding across OK/NTX.

Severe Weather Outlook



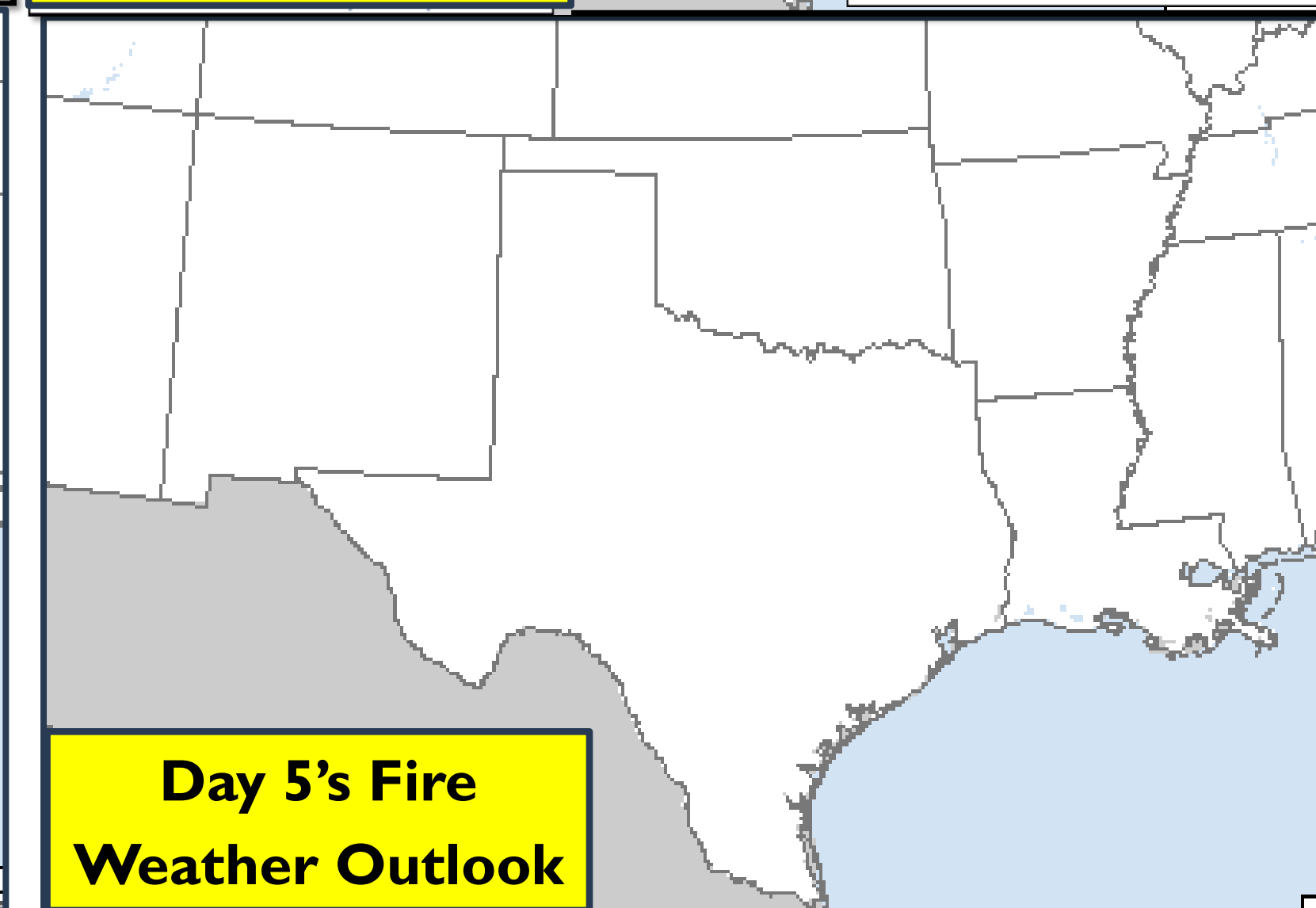
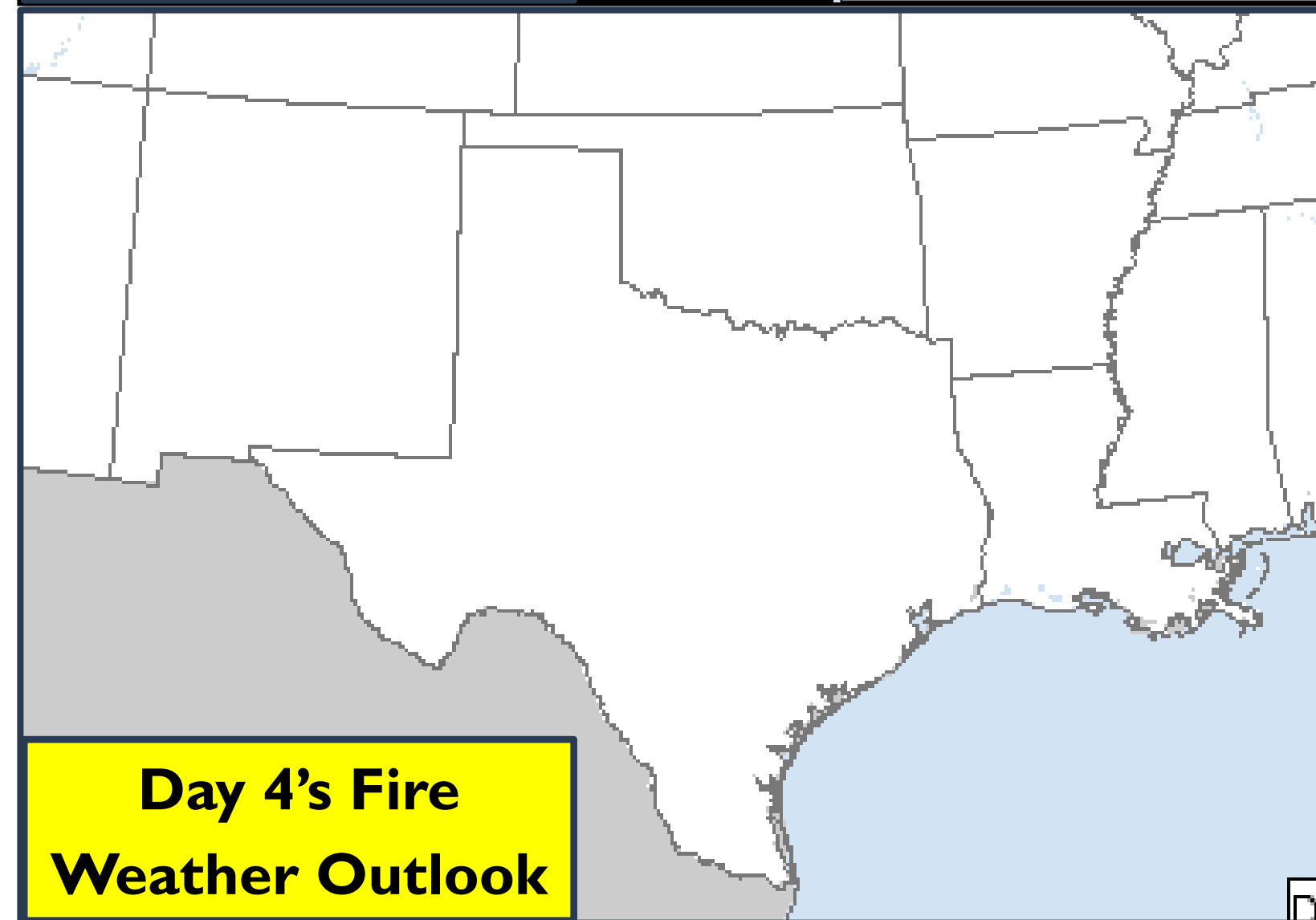
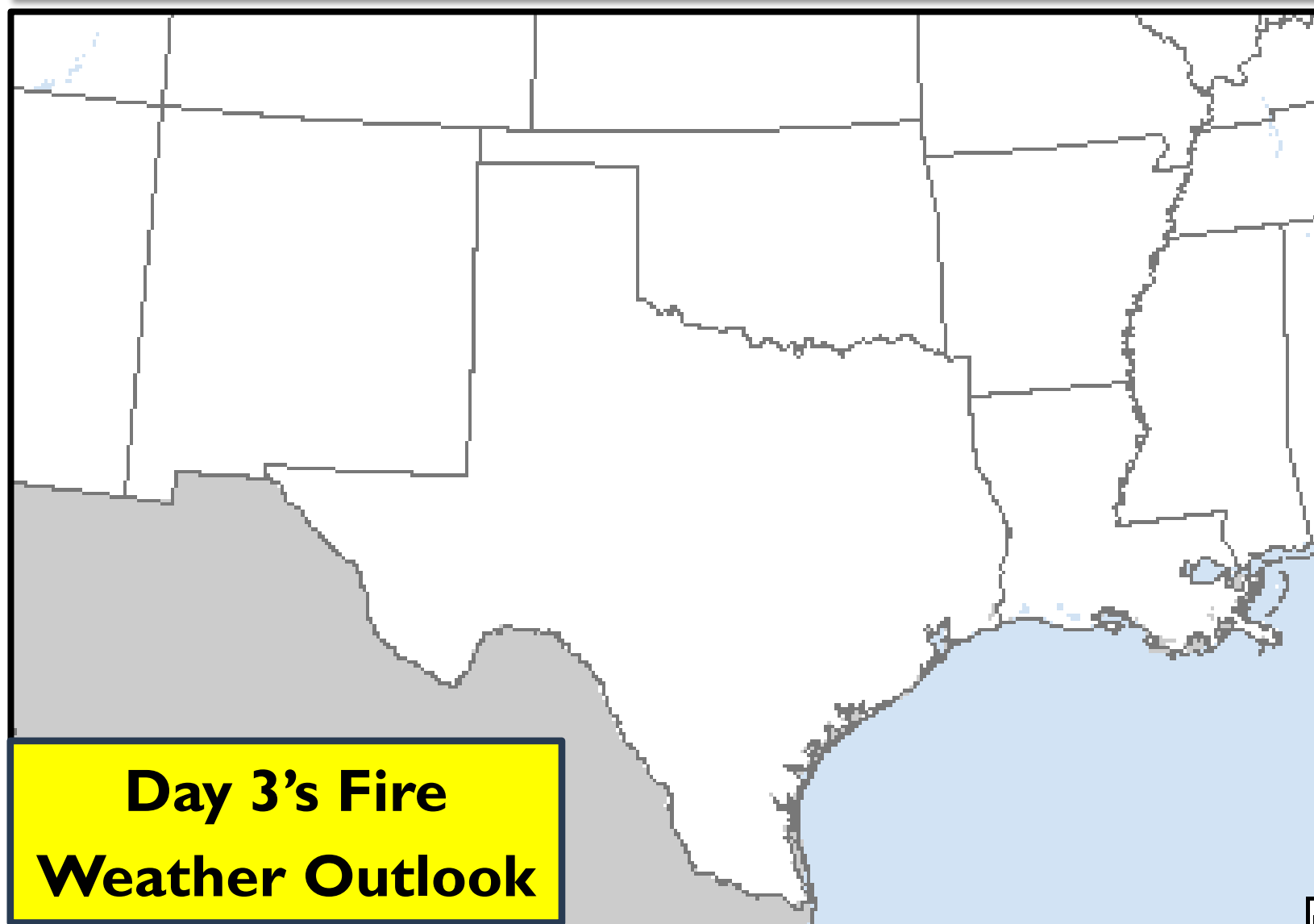
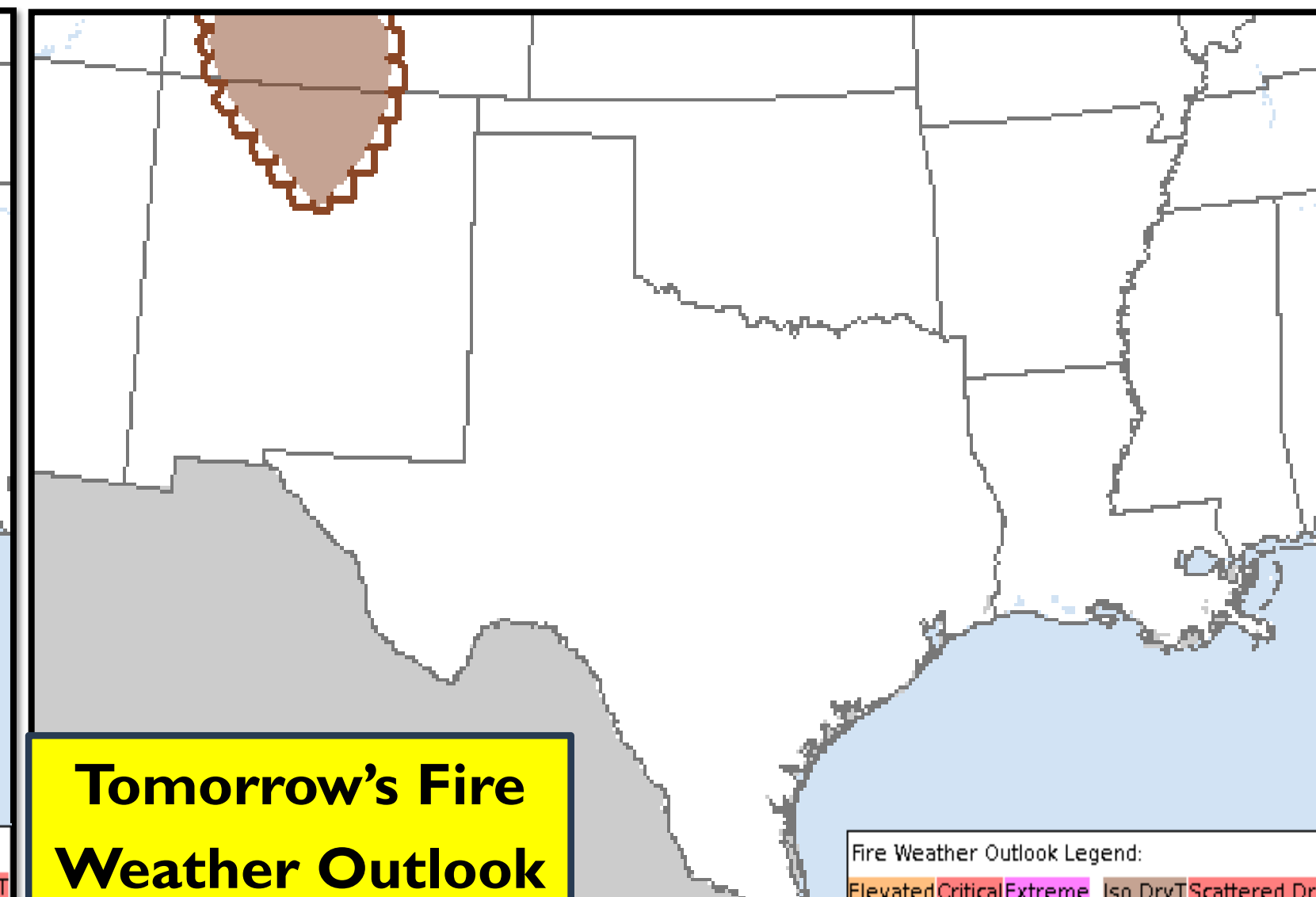
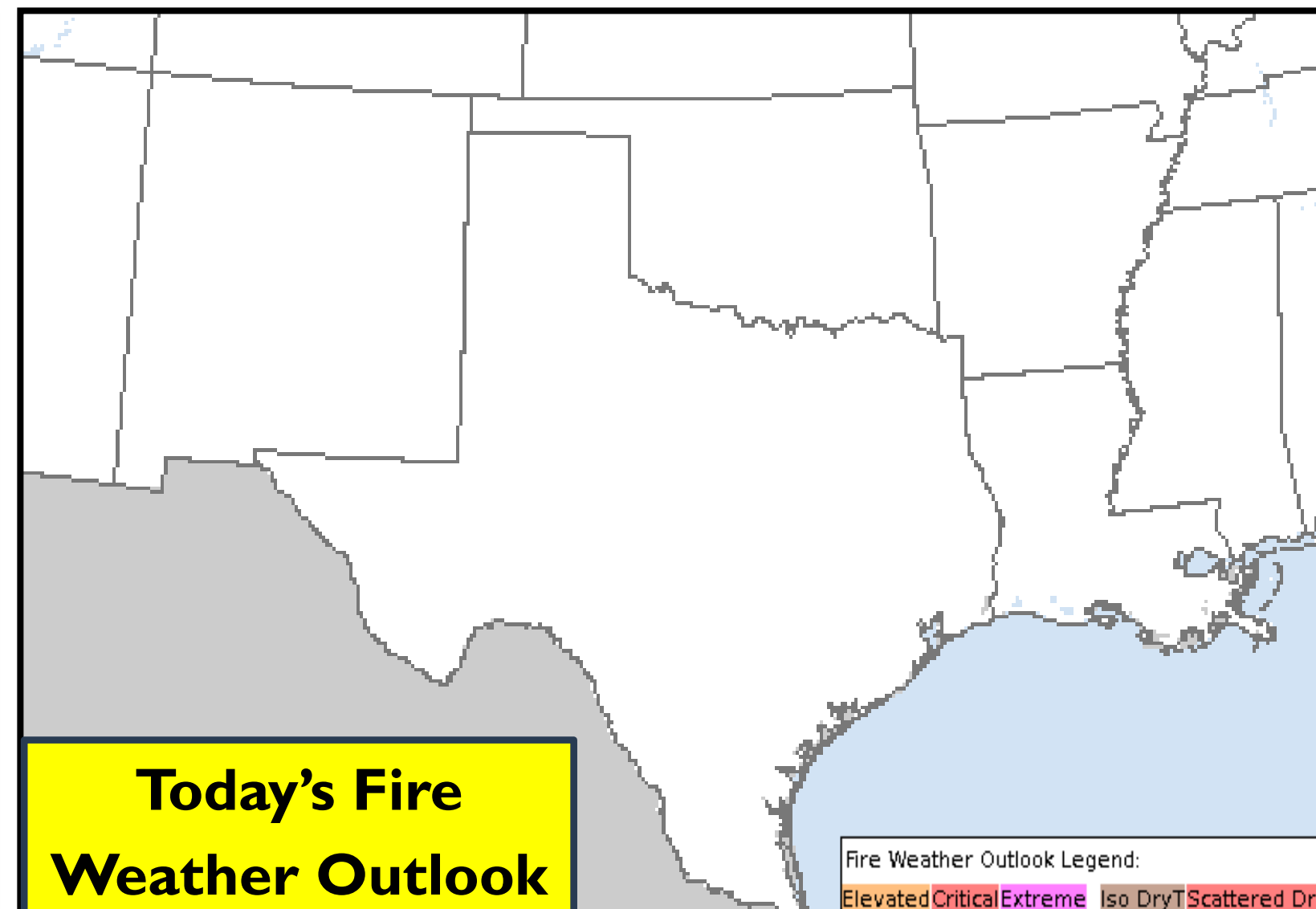
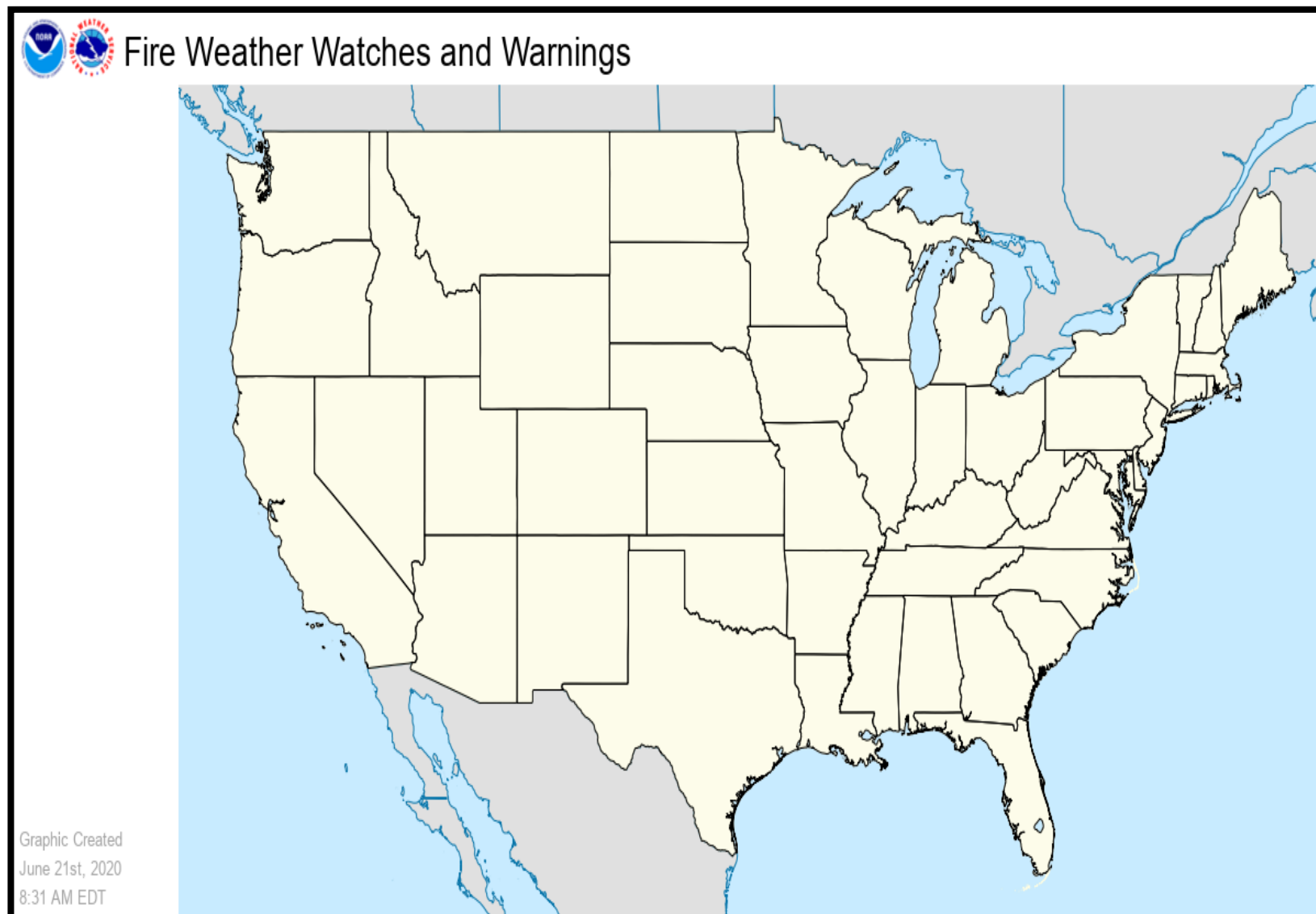
Excessive Rainfall Outlook



Fire Weather Outlooks



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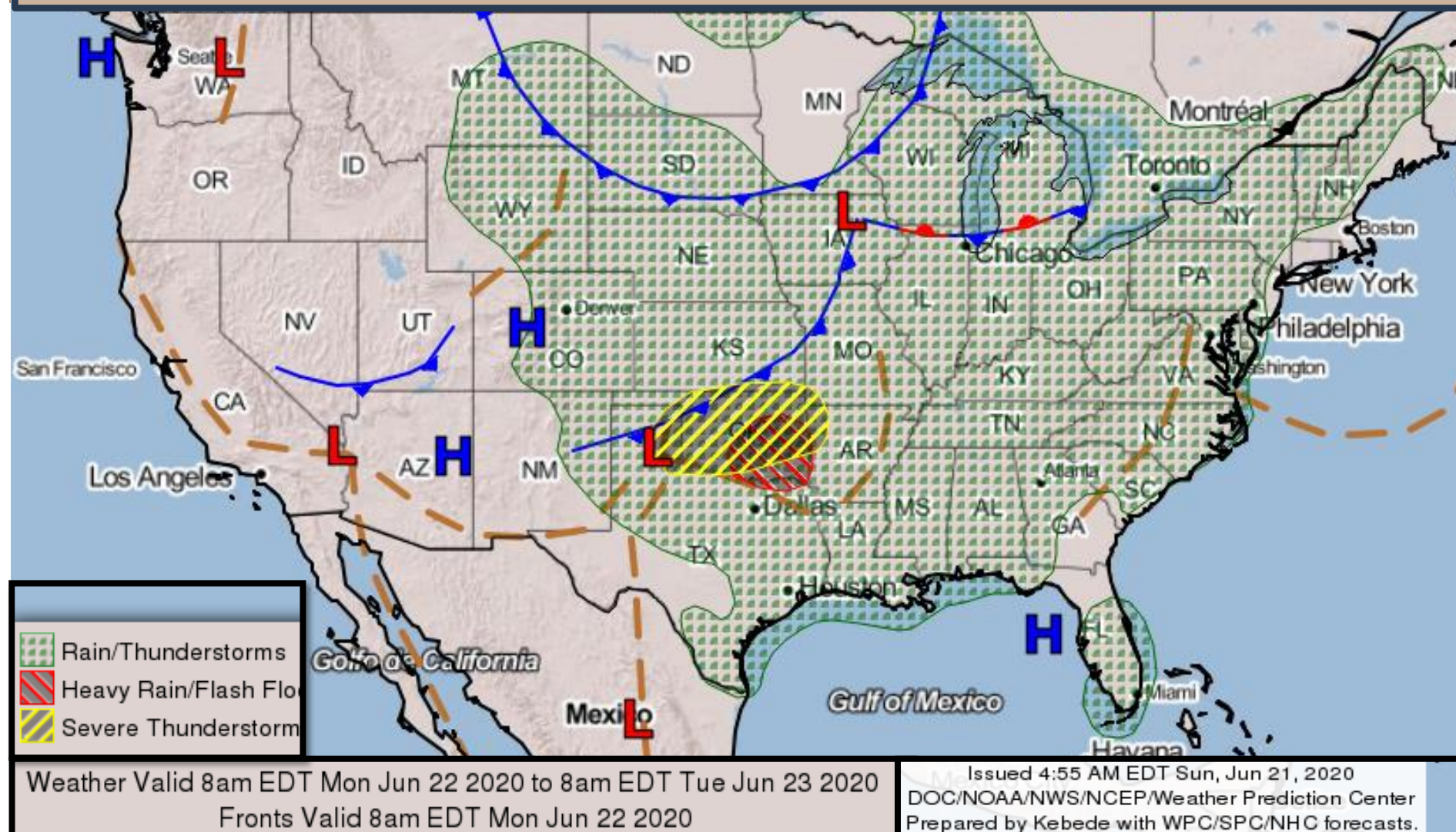


Tomorrow's Weather

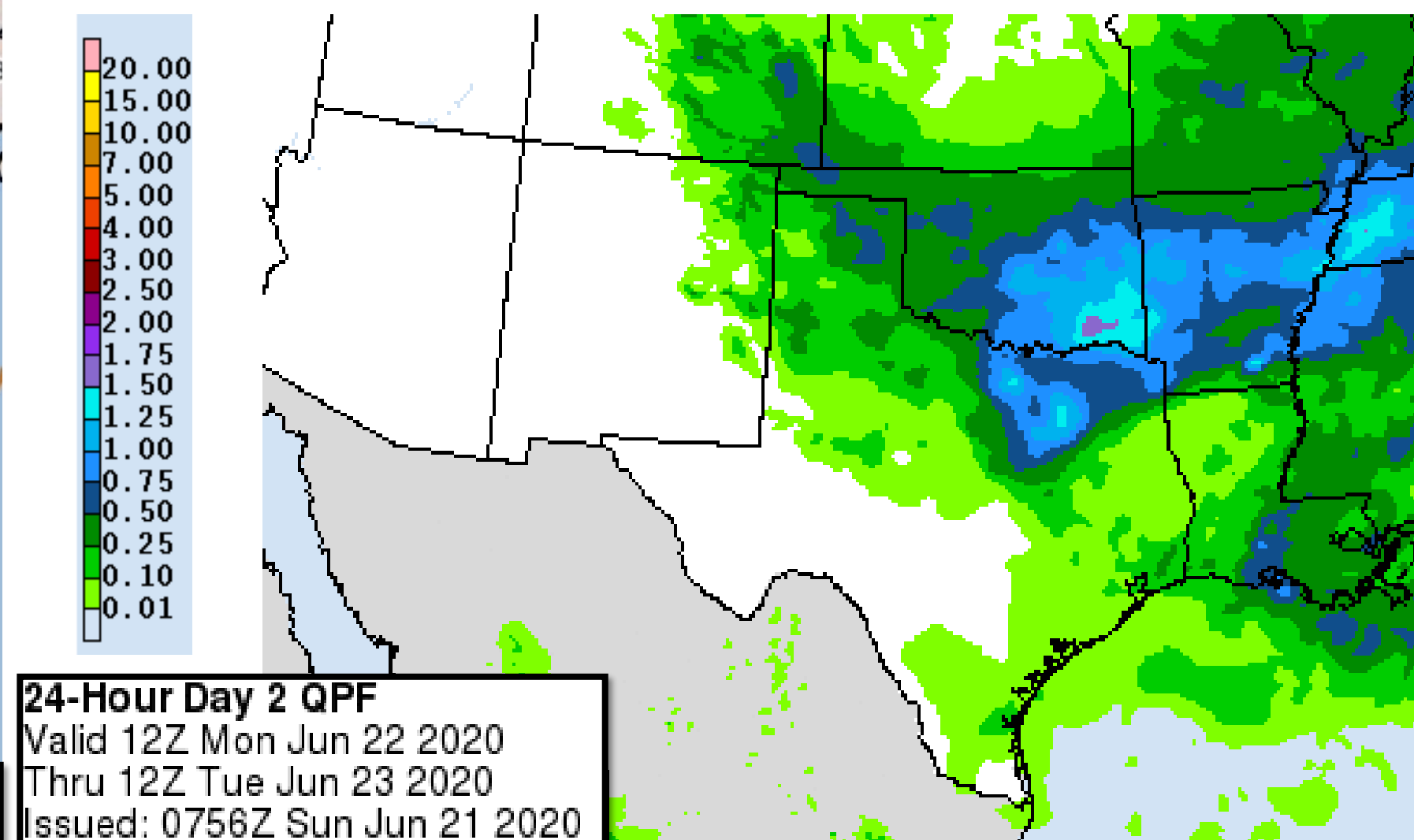


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Forecast Chart



Forecast Rainfall

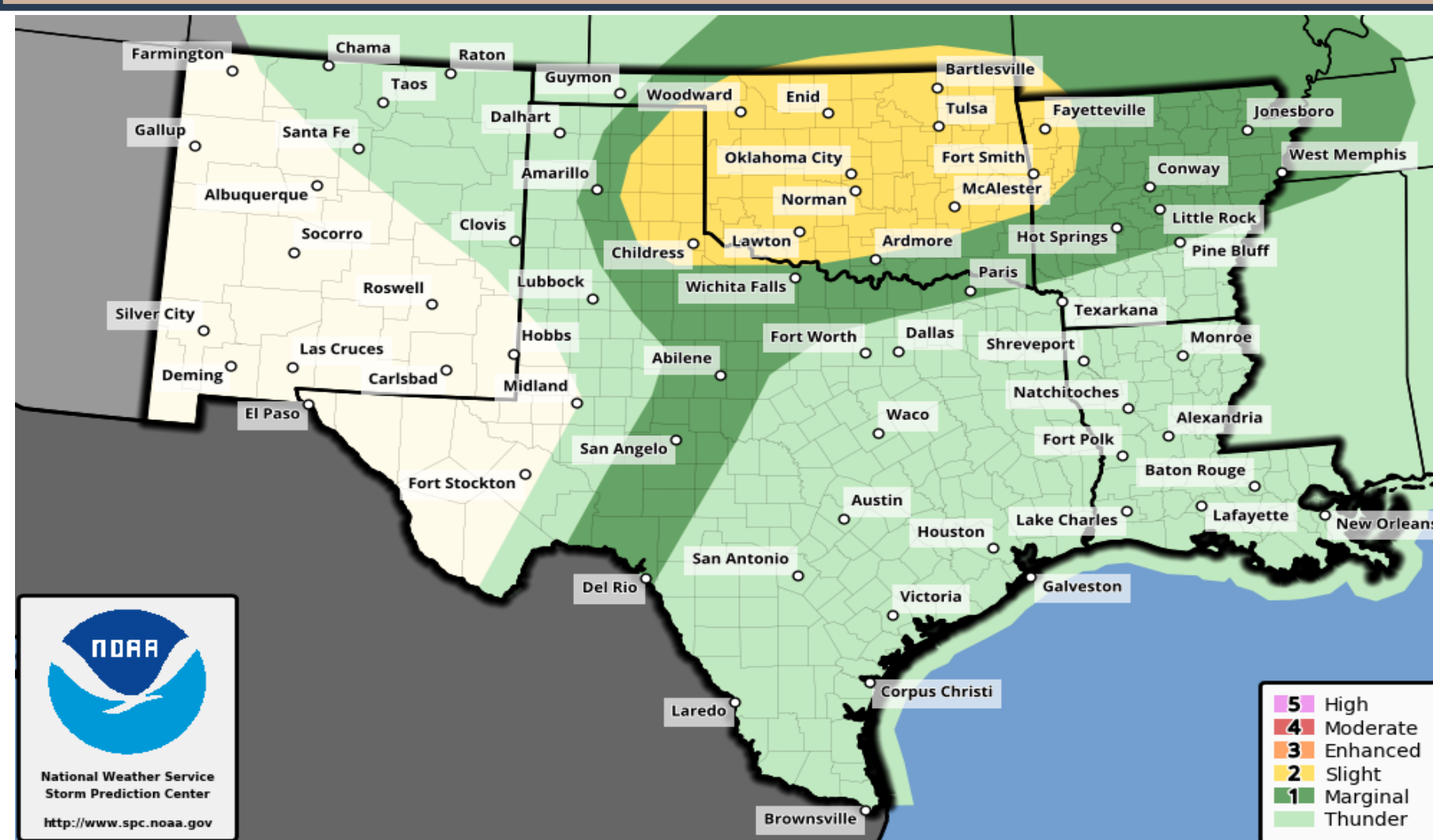


A few severe thunderstorms Monday afternoon and evening from the eastern Texas Panhandle into OK & NW AR. Wind damage and isolated large hail will be the primary threats.

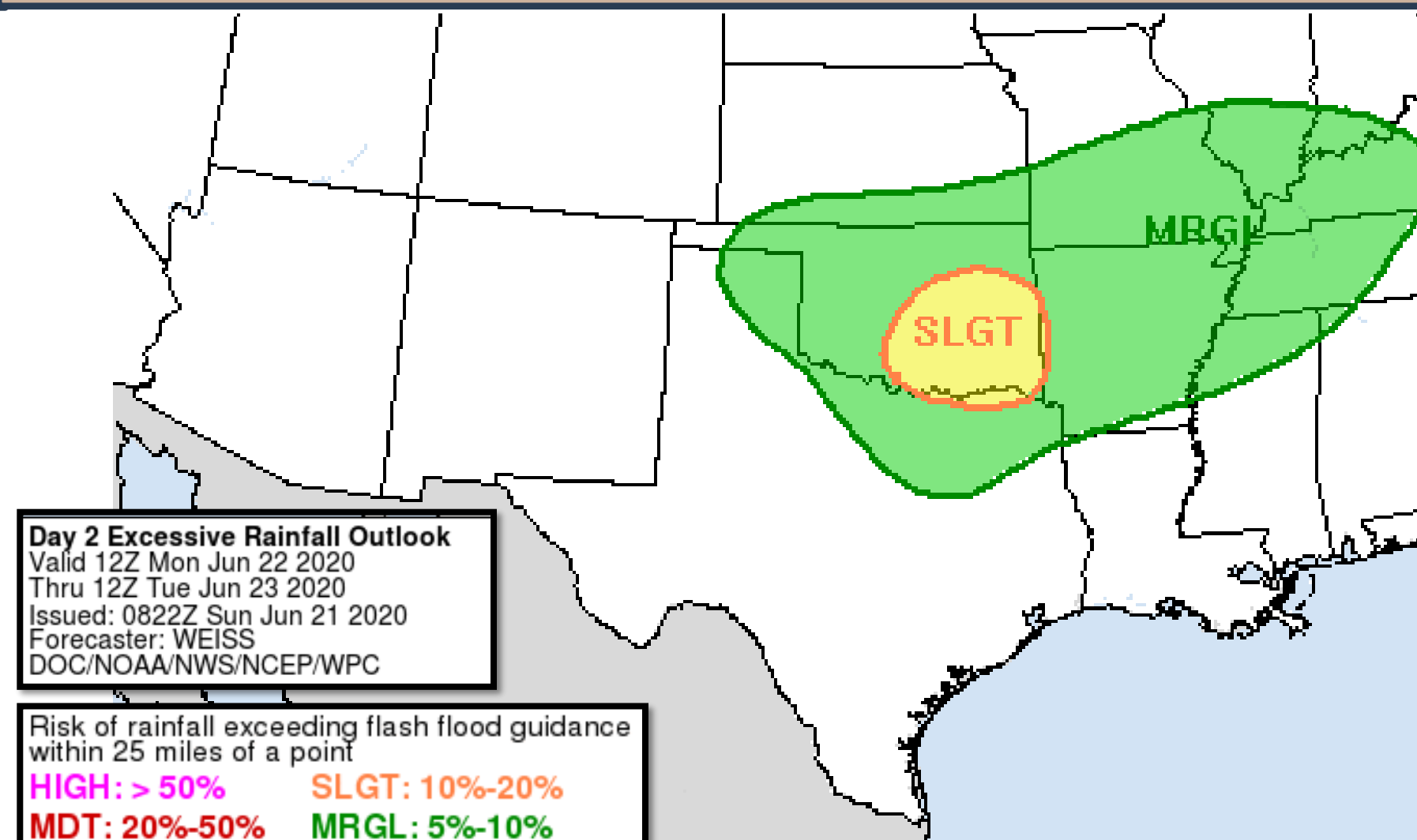
Isolated severe storms with damaging winds/hail for W&N TX into southern OK and AR.

Isolated heavy rain/flash flooding for OK/N TX/AR.

Severe Weather Outlook



Excessive Rainfall Outlook

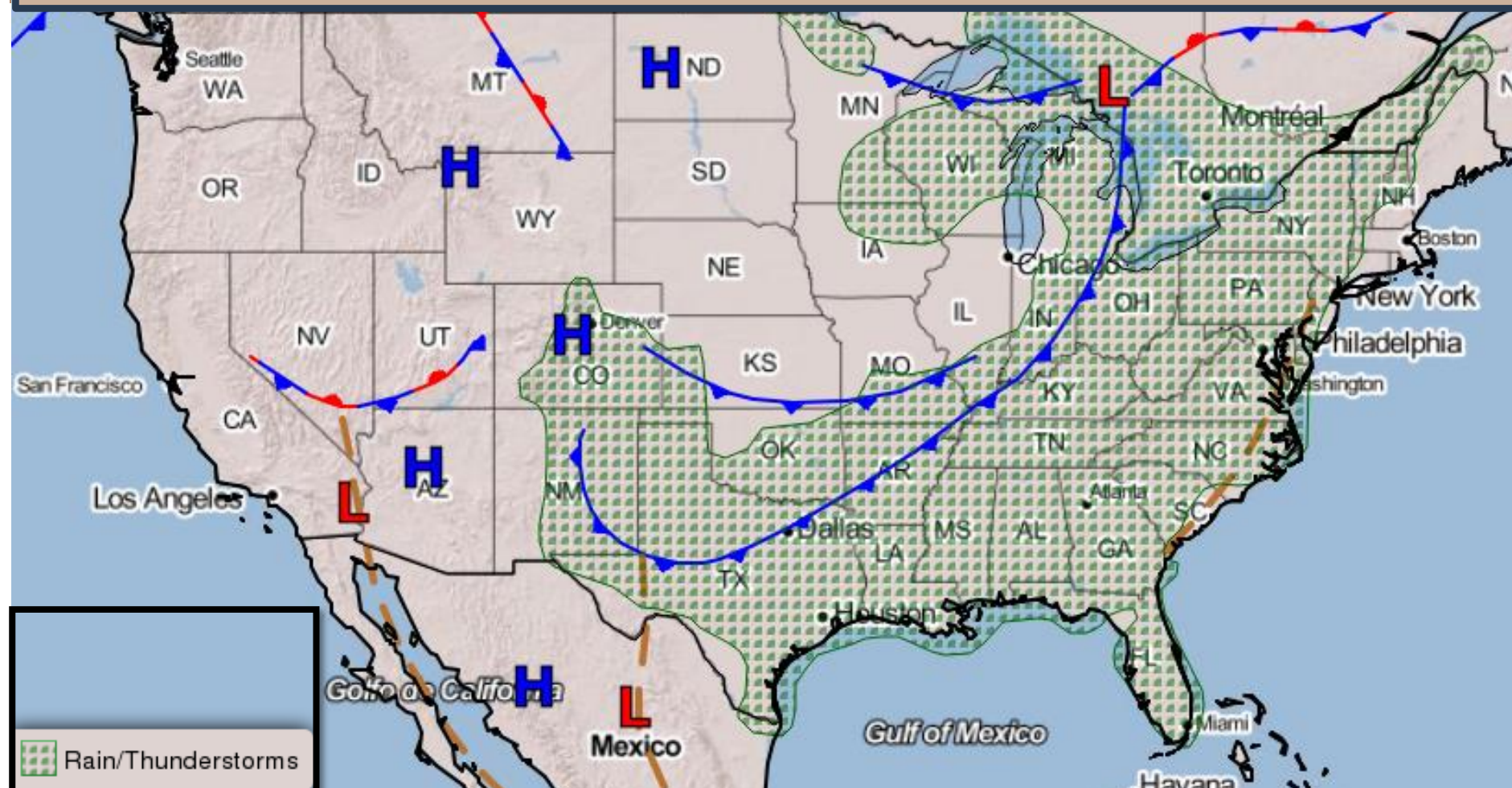


Tuesday's Weather



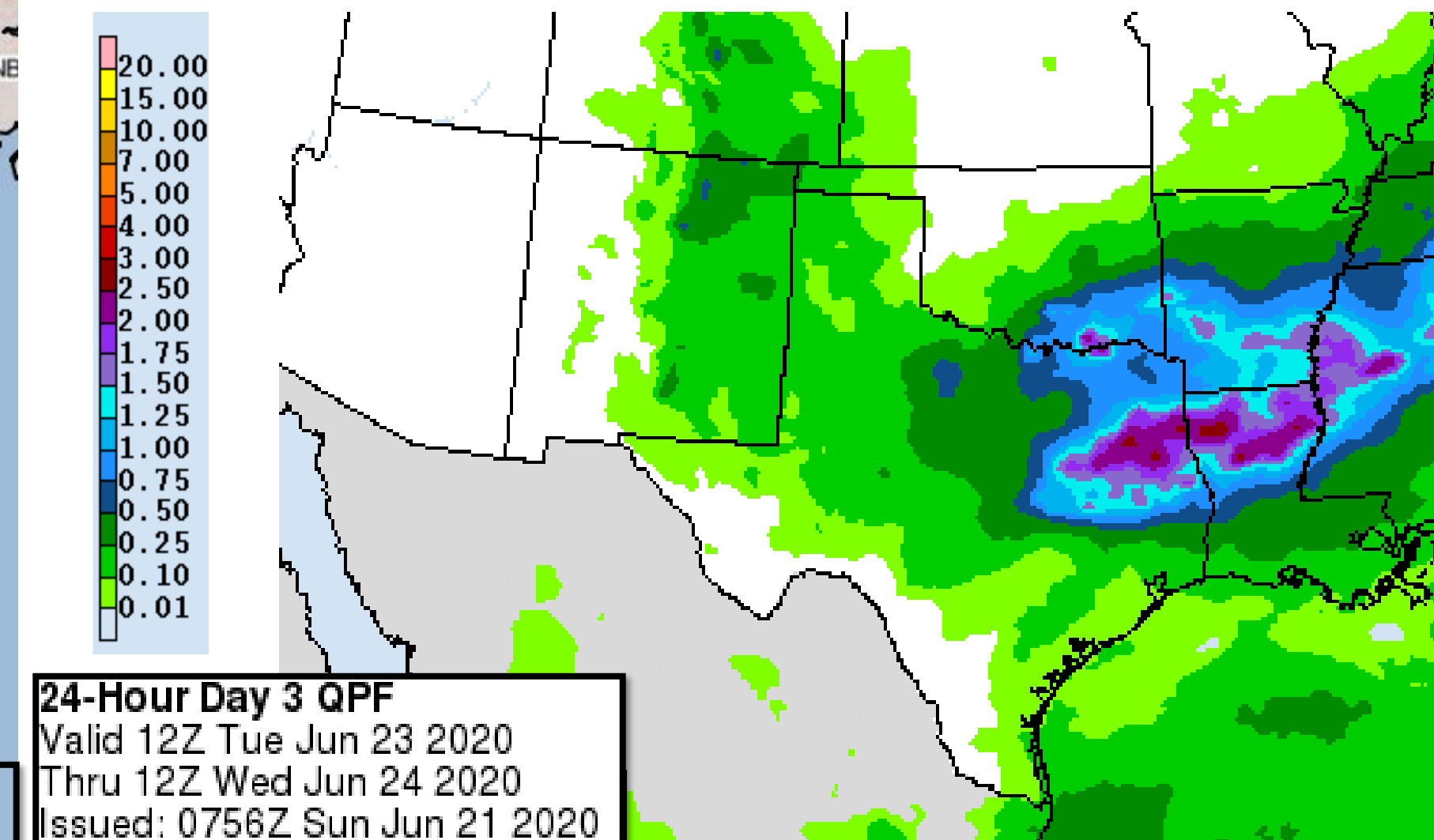
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Forecast Chart



Weather Valid 8am EDT Tue Jun 23 2020 to 8am EDT Wed Jun 24 2020
Fronts Valid 8am EDT Tue Jun 23 2020
Issued 5:10 AM EDT Sun, Jun 21, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Kebede with WPC/SPC/NHC forecasts.

Forecast Rainfall

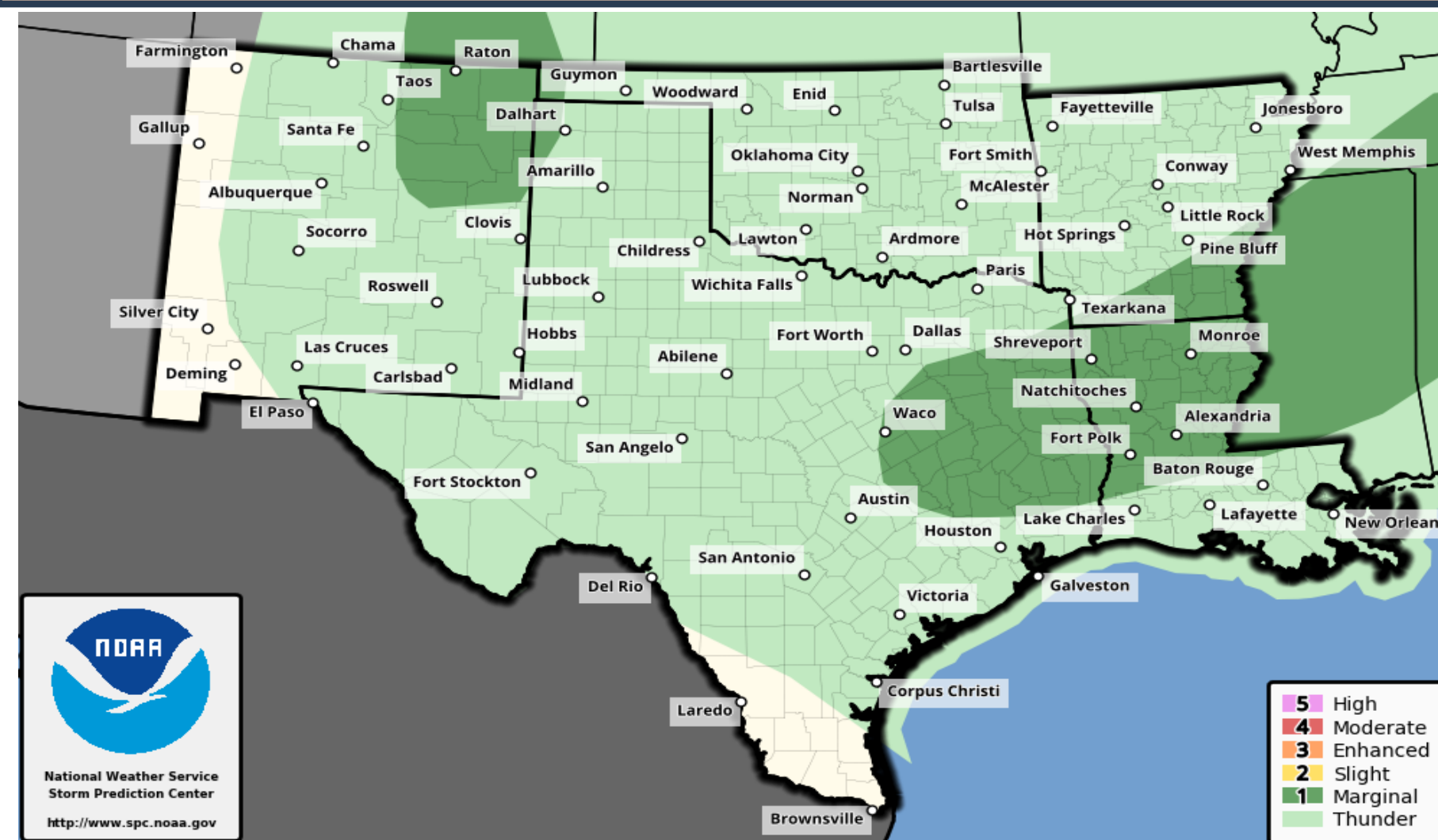


24-Hour Day 3 QPF
Valid 12Z Tue Jun 23 2020
Thru 12Z Wed Jun 24 2020
Issued: 0756Z Sun Jun 21 2020

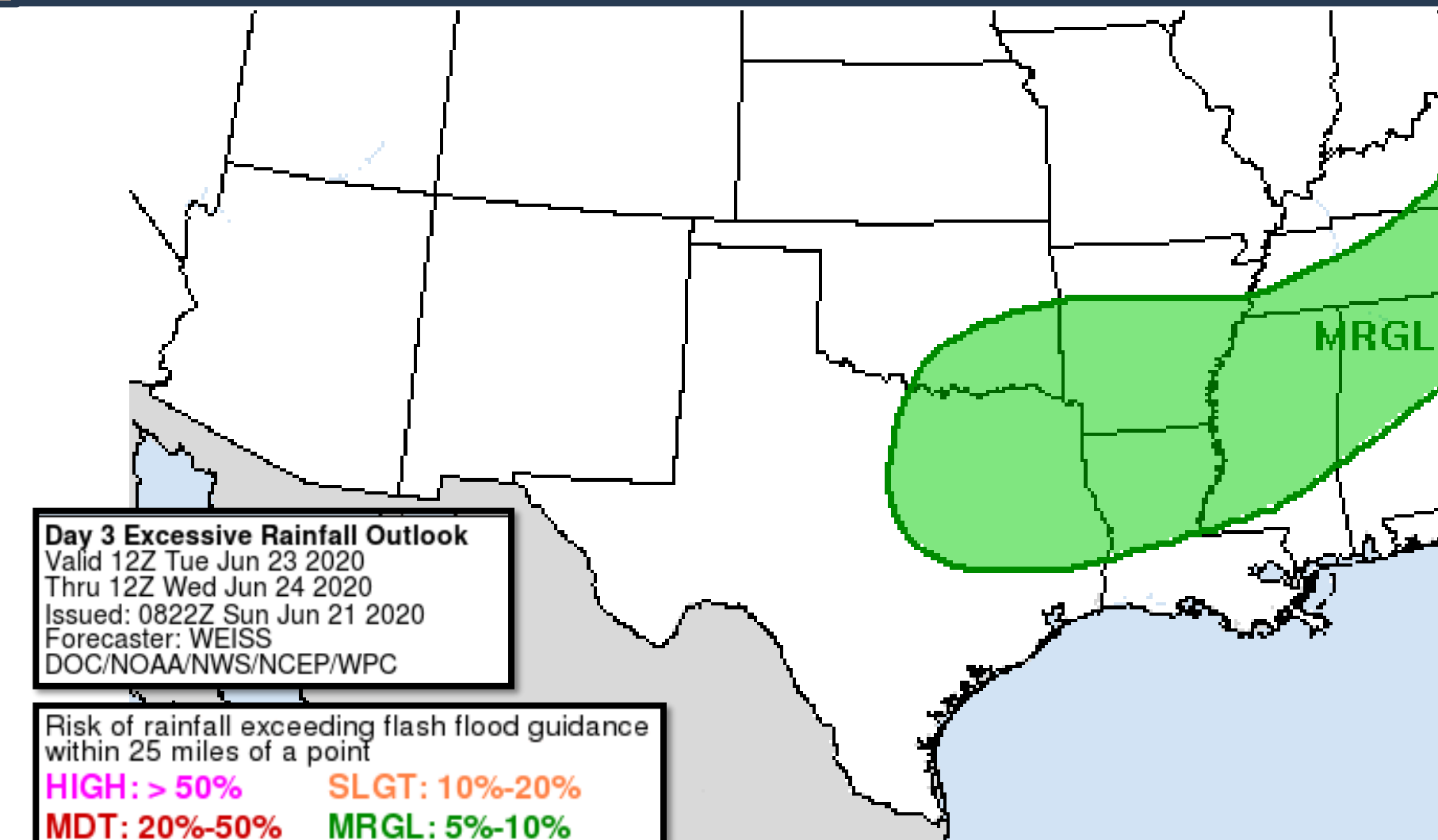
Isolated severe storms and heavy rain/flash flooding on Tuesday for AR/LA/NE TX/SE OK.

Isolated severe storms for NE NM into the western TX/OK Panhandles.

Severe Weather Outlook



Excessive Rainfall Outlook



Day 3 Excessive Rainfall Outlook
Valid 12Z Tue Jun 23 2020
Thru 12Z Wed Jun 24 2020
Issued: 0822Z Sun Jun 21 2020
Forecaster: WEISS
DOC/NOAA/NWS/NCEP/WPC
Risk of rainfall exceeding flash flood guidance within 25 miles of a point
HIGH: > 50% **SLGT: 10%-20%**
MDT: 20%-50% **MRGL: 5%-10%**

Days 4-5 Weather Hazards

Wednesday - Thursday



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No significant weather impacts expected.

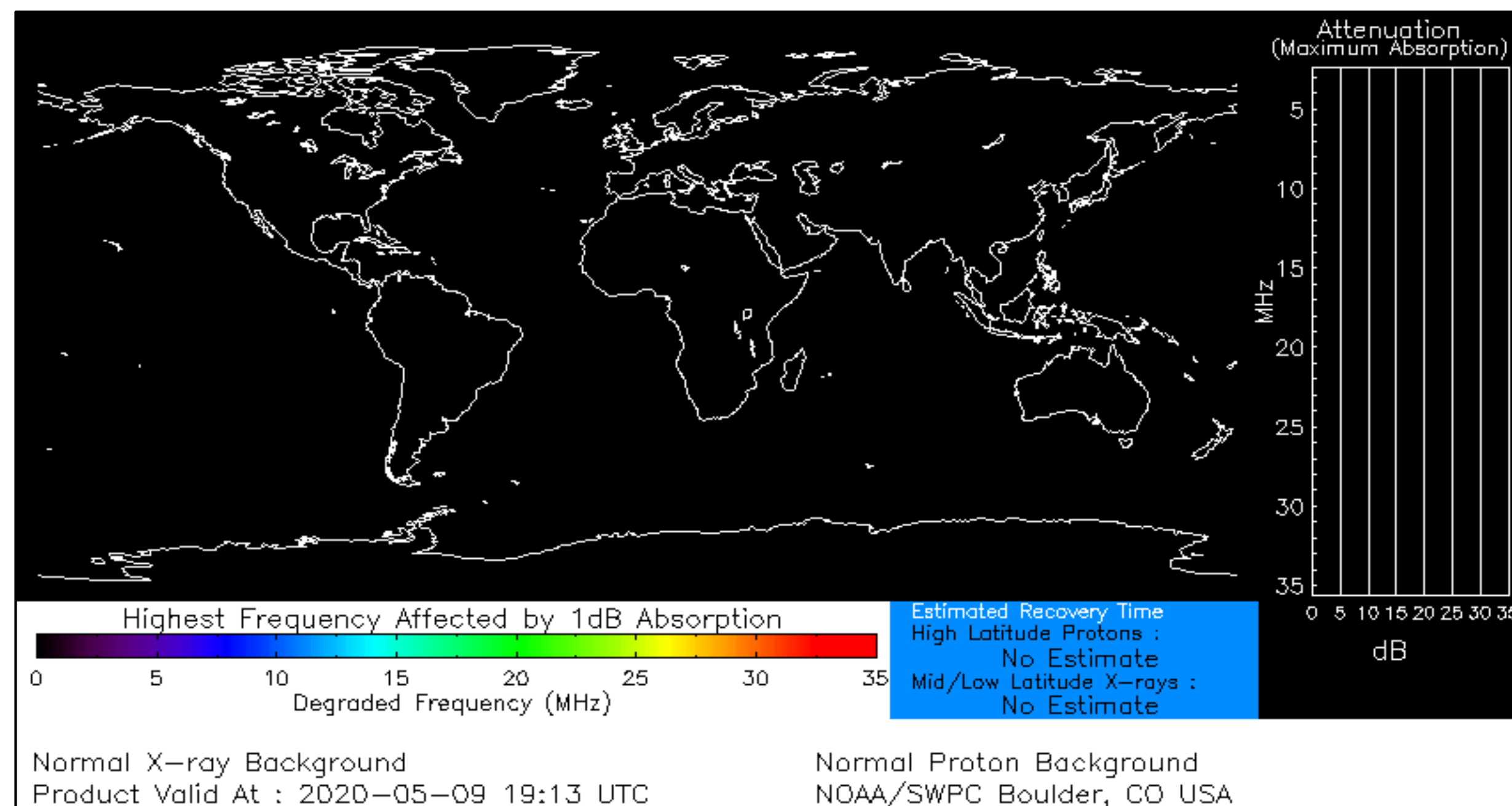


Space Weather 3-Day Forecast



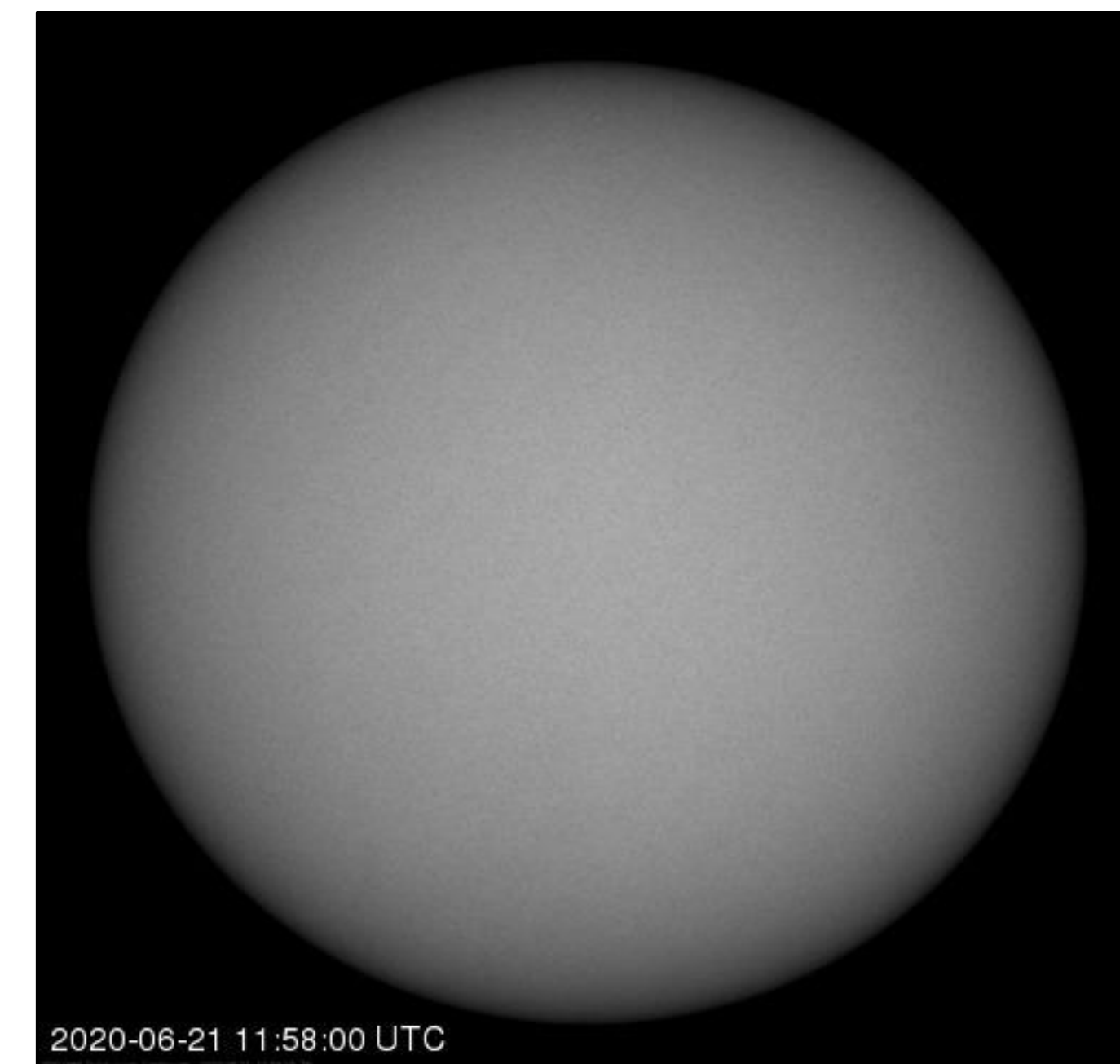
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	Sunday	Monday	Tuesday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov